

ABSTRACT

The present invention relates to aerosols containing of atenolol, pindolol, esmolol, propranolol, or metoprolol that are used in inhalation therapy. In a method aspect of the present invention, of atenolol, pindolol, esmolol, propranolol, or metoprolol is administered to a patient through an inhalation route. The method comprises: a) heating a thin layer of atenolol, pindolol, esmolol, propranolol, or metoprolol, on a solid support to form a vapor; and, b) passing air through the heated vapor to produce aerosol particles having less than 5% drug degradation products. In a kit aspect of the present invention, a kit for delivering of atenolol, pindolol, esmolol, propranolol, or metoprolol through an inhalation route is provided which comprises: a) a thin coating of an atenolol, pindolol, esmolol, propranolol, or metoprolol composition and b) a device for dispensing said thin coating as a condensation aerosol.